

GDF15 抗原（重组蛋白）

中文名称： GDF15 抗原（重组蛋白）

英文名称： GDF15 Antigen (Recombinant Protein)

别名： PDF, MIC1, PLAB, MIC-1, NAG-1, PTGFB, GDF-15

相关类别 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 195-308 amino acids of human GDF15

技术规格

Full name:	growth differentiation factor 15
Synonyms:	PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15
Swissprot:	Q99988
Gene Accession:	BC000529
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. The protein is expressed in a broad range of cell types, acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular

injury. Increased protein levels are associated with disease states such as tissue hypoxia, inflammation, acute injury and oxidative stress.